Create stunning black-and-white or color prints with the Epson Stylus® Photo R2400. A welcome addition to any photo studio, this revolutionary printer delivers large, archival prints worthy of gallery display. Its professional level ink set, comprised of nine Epson UltraChrome K3™ inks with three levels of black, sets a new standard in fine art photography and black-and-white prints.

With its expanded ink set, this printer ensures a wider color gamut and superior midtones, highlights, neutrals and shadow detail making it ideal for professional quality prints. With its Black, Light Black, and Light Light Black inks, anyone can achieve perfect black-and-white prints. And, since the inks are pigment-based, they deliver fade-resistant works of art that stay brilliant for up to 200 years.*

The Epson Stylus Photo R2400 delivers studio quality results on virtually any artistic media. Three convenient paper paths support matte, glossy, canvas, roll, posterboard, and many artist papers, so it's easy to expand your creativity. And, with its powerful production speeds, the Epson Stylus Photo R2400 lets you create brilliant displays in no time at all, and quickly move on to your next show-stopping exhibit.

Key Features

Create stunning color and black-and-white prints

- Includes nine Epson UltraChrome K3 inks that easily achieve a wider color gamut and higher Dmax
- Reproduces the most intricate detail with up to 5760 x 1440 optimized dpi

Achieve greater quality and control

- Ensures superior midtones, highlights, neutrals and shadow detail with an expanded ink set
- Offers incredible black-and-white prints with three levels of black ink—Light Black, Light Light Black and Black
- Optimizes each photo, depending on the paper type, with interchangeable Photo and Matte Black inks

Print professional quality, fade-resistant photos*

- Color prints last over 75 years
- Black-and-white prints last up to 200 years

Get creative with different paper types

- Three separate paper paths support matte, glossy, canvas, posterboard, thick artist papers and roll paper
- Accommodates paper up to 13 inches wide; creates panoramics up to 44 inches long

Produce more prints in less time

- Prints an 11x14 photo on matte paper in under 2 minutes; 8x10 in as fast as 72 seconds**
- Includes Hi-Speed USB 2.0 and FireWire® interface

Print true BorderFree® photos ideal for gallery exhibits

- Creates brilliant frame-ready photos in more sizes (4x6, 5x7, 8x10, 8.5x11, 12x12, 11x14, and 13x19)

Redefining fine art photography for large, archival prints.

Sales Guide

EPSON®

INK JET PRINTER

STYLUS® PHOTO **R2400**

Questions and Answers

Who is the target customer for the Epson Stylus Photo R2400?

The Epson Stylus Photo R2400 is the perfect printer for professional photographers who want to produce exhibit quality color or black-and-white prints. This innovative product features revolutionary Epson UltraChrome K3 inks, versatile media options and the highest print quality. It also boasts incredible performance and many ease-of-use features—something fine art professionals often compromise for higher image quality. With all the advantages this printer offers, it's ideal for the following customers:

- Fine Art Photographers – The discerning professional who wishes to produce immaculate, archival-quality, 13 inch prints that adequately represent his/her name and reputation
- Commercial and Portrait Photographers – Those who require high-speed performance and high-quality color and black-and-white output that is worthy to be sold
- Advanced Amateur Photographers/Photo Enthusiasts – Those who use high-end (5-megapixel or higher) digital cameras or digital SLRs, and are looking to create durable prints, both in color and black-and-white

Why is the Epson Stylus Photo R2400 the ultimate printer for both color and black-and-white photography?

- The printer's 8-color Epson UltraChrome K3 ink technology redefines both color and black-and-white prints, providing a wider color gamut and stunning blacks
- Three levels of black produce neutral black-and-white prints
- Nine individual ink cartridges offer added convenience by allowing you to replace only the ink that runs out
- Interchangeable black inks (Matte Black and Photo Black) enable users to optimize the ink's amazing Dmax on any paper type
- Up to 5760 x 1440 optimized dpi and 3.5 picoliter ink droplets deliver unprecedented quality
- Three paper paths provide exceptional media versatility
- Incredibly fast print speeds

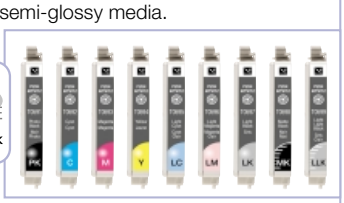
What makes Epson UltraChrome K3 ink superior to other inks?

Epson UltraChrome K3 ink, the third Epson UltraChrome ink to be introduced by Epson, provides the photography market with the ultimate ink set. Continuing the legacy of award-winning innovation with a completely reformulated ink set, Epson UltraChrome K3 provides all the features that fine art photographers demand including a wider color gamut, superior black-and-white technology, as well as professional-level durability and lightfastness qualities.

Epson UltraChrome K3 is an 8-color, 9-cartridge system boasting Epson's highest density pigment inks. This means Epson UltraChrome K3 color inks (Cyan, Magenta, Yellow, Light Cyan and Light Magenta) will produce a wider color gamut, rivaling and surpassing those of dye-based inks. It also features three levels of black (Black, Light Black and Light Light Black) to produce unprecedented black-and-white images that are both neutral and perfectly toned (warm, cool, or sepia). Epson UltraChrome K3 has two interchangeable black inks, which allow the user to achieve the highest levels of black density depending on the media type. Use Matte Black to achieve professional results on matte and fine art media and Photo Black for glossy and semi-glossy media.

There are also other professional features. Epson engineers increased the gloss level of Epson UltraChrome K3 ink to dramatically eliminate gloss differential. With three levels of black, metamerism levels are below that of dye-based inks. Unsurpassed linearity means ICC profiles are easier to build. And, Epson UltraChrome K3 inks are even more durable, with water and scratch resistance that's better than ever. In addition, they offer a lightfastness rating as high as 200 years for black-and-white prints, 75 years for color.*

EPSON ULTRACHROME K3 INK



How does the Epson UltraChrome K3 ink system compare to Epson UltraChrome Hi-Gloss inks?

Similarities:

- Pigment-based inks
- Individual ink cartridges
- Large color gamut, often exceeding that of competitors' dye-based inks and silver halide

Differences:

- 8-color, nine ink system using Light Cyan and Light Magenta instead of an 8-color, eight ink system using Red and Blue inks
- Three levels of black (Black, Light Black and Light Light Black) for superior black-and-white output
- User-interchangeable Matte and Photo Black inks to optimize black density on matte or glossy papers

What is the Advanced Black-and-white Mode, and what are its benefits?

Advanced Black-and-white Mode is a powerful new workflow built into the driver of the Epson Stylus Photo R2400. It uses only six of the eight inks at one time (three levels of black, along with the light colors—Yellow, Light Magenta and Light Cyan) to produce neutral black-and-white prints or perfectly toned black-and-white prints (such as warm, cool, or sepia). Obtaining professional level black-and-white prints is as simple as a few clicks of the mouse. As an alternative to Adobe® Photoshop,® Advanced Black-and-white Mode will handle the conversion from color to grayscale without altering the original file.

The program's incredible power and control does not end there. Additional controls are built into the driver, which enable you to change highlight and shadow tonality independently. This means you can take control of the detail in the most important parts of your image. You can even choose to reduce the maximum black density to your desired level. A feature called "Highlight Point Shift" can be used to add a greater amount of Light Light Black into the highlight areas, thus eliminating the gloss differential altogether. Finally, if you want even more control over tone, a convenient color wheel allows you to specify the tone color and intensity.

Epson's Advanced Black-and-white Mode gives you complete control over your black-and-white printing through a powerful, easy-to-use interface. And, because it is all integrated into the Epson print driver, you can easily save your choices as a custom setting, so you can quickly and accurately reload the parameters you previously selected.

What are the differences between the Epson Stylus Photo R2400 and the Epson Stylus Photo R1800?

Both the Epson Stylus Photo R1800 and Epson Stylus Photo R2400 are large-format (13 inch wide) models that use Micro Piezo® pigment ink jet technology, convenient individual ink cartridges, incredible print quality, powerful performance and exceptional versatility. However, there are two key features that differentiate these two products.

The Epson Stylus Photo R1800 utilizes Epson UltraChrome Hi-Gloss™ ink, optimized to deliver vivid, archival glossy and matte photos. Its ink system is comprised of an 8-color ink set that holds both Matte and Photo Black ink in the print head simultaneously. And, this model can print directly onto ink jet printable CDs and DVDs.

The Epson Stylus Photo R2400 uses the newer Epson UltraChrome K3 inks, which deliver a similar color gamut, but produce superior black-and-white prints due to the three levels of black ink. The printer utilizes a 9-ink system with user-interchangeable Photo and Matte Black ink cartridges, engineered to deliver professional results on either glossy or matte media. This printer does not support CD/DVD printing. Instead, its three paper paths are designed to handle the media that fine art photographers demand (up to 1.3 mm thick).

For what types of applications can the Epson Stylus Photo R2400 be used?

- Gallery prints
- Limited edition prints
- Prints to sell
- Competitive prints
- Event photography
- Portfolio prints
- Prints from a digital camera
- Prints from scanned images
- Photo album prints
- Framed photos
- Promotional materials
- Illustrations
- Animation cells
- Digital art
- Creative albums
- Everyday text and letters
- Specialty projects

Family Comparison

Feature	Epson Stylus Photo R800	Epson Stylus Photo R1800	Epson Stylus Photo 1280	Epson Stylus Photo R2400
Target Customer	Pro/semi-pro/advanced amateur photographer, digital artist	Pro/semi-pro/advanced amateur photographer, digital artist	Pro/semi-pro/advanced amateur photographer, graphic designer	Pro/semi-pro/advanced amateur photographer
Applications	General, commercial and event photography, album and frame prints	General, commercial and event photography, album and frame prints	General and commercial photography, comps, color proofs, album prints, portfolios, and promotional materials	General and commercial photography exhibition, gallery fine art, portrait and album prints, and prepress proofing
Format	8.5 inch wide	13 inch wide	13 inch wide	13 inch wide
Fade Resistance Rating (indoor display)†	Over 100 years on Epson matte and glossy papers	As long as 100 to 200 years on Epson matte and glossy papers	27 years on Epson ColorLife™ media	200 years for black-and-white, up to 75 years for color on Epson Matte papers
Ink Technology	Epson UltraChrome Hi-Gloss (pigment)	Epson UltraChrome Hi-Gloss (pigment)	Epson Photo Inks (dye)	Epson UltraChrome K3 (pigment)
Individual Ink Cartridges	Yes	Yes	No	Yes
Ink Cartridges	8 (CMY, Red, Blue, Matte Black, Photo Black, and Gloss Optimizer)	8 (CMY, Red, Blue, Matte Black, Photo Black, and Gloss Optimizer)	2 (1 color cartridge CcMmY; 1 black cartridge K)	9 (CcMmYLKLLK, Matte Black and Photo Black)
Direct CD Printing	Yes	Yes	No	No
Maximum Resolution (dpi)	5760 x 1440	5760 x 1440	5760 x 720	5760 x 1440
Smallest Dot Size	1.5 picoliters	1.5 picoliters	4 picoliters	3.5 picoliters
BorderFree Printing	4x6, 5x7, 8x10	4x6, 5x7, 8x10, 8.5x11, 11x14, 12x12, 13x19	4x6, 5x7, 8x10, 8.5x11, 11x14, 13x19	4x6, 5x7, 8x10, 8.5x11, 11x14, 12x12, 13x19 and panoramic sizes
Roll Paper Holder	Included	Included	Included	Included
Compatibility	Windows 98, 2000, Me, XP Mac OS 8.6 to 9.x and OS X 10.1.3 or later	Windows 2000, XP Mac OS X 10.2.4 or later	Windows 2000, XP Mac OS X 10.2.4 or later	Windows 2000, XP Mac OS X 10.2.4 or later
Built-in Connectivity	Hi-Speed USB 2.0, IEEE 1394 FireWire	Hi-Speed USB 2.0, IEEE 1394 FireWire	Parallel, USB	Hi-speed USB 2.0, IEEE 1394 FireWire

† See www.epson.com for test conditions and detailed ratings

Competitive Comparison

Feature	Epson Stylus Photo R2400	Hewlett Packard Deskjet 9650	Canon i9900
Ink Type	8-color pigment inks	6-color dye inks	8-color dye inks
Maximum Resolution (dpi)	5760 x 1440	4800 x 1200 color	4800 x 2400
Individual Ink Cartridges	Yes	No	Yes
Fade Resistance Rating	As long as 75 years color/200 years black-and-white on matte and glossy paper*	108 years on one paper type, under 23 years on others	25 years only on Canon PhotoPaper Pro
BorderFree Printing	4x6, 5x7, 8x10, 8.5x11, 11x14, 12x12, 13x19, and panoramic sizes	4x6, 5x7, 8x10, 8.5x11, 11x17 and 13x19	4x6, 5x7,8.5x11, and 13x19
Water-resistant Prints	Yes	No	No
Color Gamut	25% larger than HP Deskjet 9650	Smaller than the R2400	Similar to the R2400
8x10 Print Speed	72 sec (Photo mode)	331 sec (Best mode)	115 sec (High mode)
Smallest Dot Size	3.5 picoliters	5 picoliters	2 picoliters

Ordering Information

Product Code	Description	UPC#
C11C603011	Epson Stylus Photo R2400	0-10343-85397-3
T059220	Cyan Ink Cartridge	0-10343-85388-1
T059320	Magenta Ink Cartridge	0-10343-85389-8
T059420	Yellow Ink Cartridge	0-10343-85390-4
T059120	Photo Black Ink Cartridge	0-10343-85387-4
T059820	Matte Black Ink Cartridge	0-10343-85394-2
T059520	Light Cyan Ink Cartridge	0-10343-85391-1
T059620	Light Magenta Ink Cartridge	0-10343-85392-8
T059720	Light Black Ink Cartridge	0-10343-85393-5
T059920	Light Light Black Ink Cartridge	0-10343-85395-9
C12C824221	EpsonNet 802.11g Wireless External Print Server	0-10343-85135-1
S041808	Epson Premium Glossy Photo Paper (4x6) 40 ct	0-10343-85071-2
S041727	Epson Borderless Premium Glossy Photo Paper (4x6) 100 ct	0-10343-84675-3
S041464	Epson Borderless Premium Glossy Photo Paper (5x7) 20 ct	0-10343-83512-2
S041465	Epson Borderless Premium Glossy Photo Paper (8x10) 20 ct	0-10343-83513-9
S041466	Epson Borderless Premium Glossy Photo Paper (11x14) 20 ct	0-10343-83514-6
S041286	Epson Premium Glossy Photo Paper (8.5x11) 20 ct	0-10343-81920-7
S041667	Epson Premium Glossy Photo Paper (8.5x11) 50 ct	0-10343-84261-8
S041290	Epson Premium Glossy Photo Paper (11x17) 20 ct	0-10343-81923-8
S041288	Epson Premium Glossy Photo Paper (11.7x16.5) 20 ct	0-10343-81921-4
S041289	Epson Premium Glossy Photo Paper (13x19) 20 ct	0-10343-81922-1
S041302	Epson Premium Glossy Photo Paper (4" x 26') 1 roll	0-10343-81971-9
S041376	Epson Premium Glossy Photo Paper (8.3" x 32') 1 roll	0-10343-83026-4
S041378	Epson Premium Glossy Photo Paper (13" x 32') 1 roll	0-10343-83028-8
S041405	Epson Premium Luster Photo Paper (8.5x11) 50 ct	0-10343-83234-3
S041406	Epson Premium Luster Photo Paper (11.7x16.5) 20 ct	0-10343-83235-0
S041407	Epson Premium Luster Photo Paper (13x19) 20 ct	0-10343-83236-7
S041408	Epson Premium Luster Photo Paper (8.3" x 32.8') 1 roll	0-10343-83237-4
S041409	Epson Premium Luster Photo Paper (13" x 32.8') 1 roll	0-10343-83238-1
S041331	Epson Premium Semigloss Photo Paper (8.5x11) 20 ct	0-10343-82996-1
S041329	Epson Premium Semigloss Photo Paper (4" x 26') 1 roll	0-10343-82994-7
S041327	Epson Premium Semigloss Photo Paper (13x19) 20 ct	0-10343-82992-3
S041467	Epson Borderless Matte Paper Heavyweight (8x10) 50 ct	0-10343-83515-3
S041468	Epson Borderless Matte Paper Heavyweight (11x14) 50 ct	0-10343-83516-0
S031257	Epson Matte Paper Heavyweight (8.5x11) 50 ct	0-10343-81832-3
S041263	Epson Matte Paper Heavyweight (13x19) 50 ct	0-10343-81835-4
S041341	Epson Enhanced Matte Paper (8.5x11) 50 ct	0-10343-83006-6
S041343	Epson Enhanced Matte Paper (11.7x16.5) 50 ct	0-10343-83008-0
S041339	Epson Enhanced Matte Paper (13x19) 50 ct	0-10343-83016-5
S041568	Epson Double-sided Matte Paper (8.5x11) 50 ct	0-10343-83778-2
S041636	Epson Velvet Fine Art Paper (8.5x11) 20 ct	0-10343-84193-2
S041637	Epson Velvet Fine Art Paper (13x19) 20 ct	0-10343-84194-9
S041351	Epson Watercolor Paper Radiant White (13x19) 20 ct	0-10343-83016-5
SCR1002	PremierArt™ Matte Scrapbook Photo Paper for Epson (8.5x11) 20 ct	0-10343-84660-9
SCR1003	PremierArt Matte Scrapbook Photo Paper for Epson (12x12) 10 ct	0-10343-84661-6
SP91220	PremierArt Water Resistant Canvas for Epson (13" x 20') 1 roll	0-10343-84942-6
S041062	Epson Photo Quality Ink Jet Paper (8.5x11) 100 ct	0-10343-81202-4
S041586	Epson Premium Bright White Paper (8.5x11) 500 ct	0-10343-83819-2
S041896	Epson UltraSmooth™ Fine Art Paper (13x19) 25 ct	0-10343-84936-5

Packing Specifications

Epson Stylus Photo R2400	
Individual box dimensions (L x W x H)	27.00" x 17.28" x 12.40"
Individual box weight	34.07 lb
Pallet dimensions (L x W x H)	45.07" x 36.02" x 79.13"
Container	40', 26 pallets, 468 units
Color and Black Ink Cartridges	
Individual box dimensions (L x W x H)	4.30" x 0.7" x 5.90"
Individual box weight	0.1433 lb
Master carton dimensions (L x W x H)	9.40" x 7.80" x 9.20"
Master carton weight	5.16 lb
Master carton quantity	32

Printing Technology
Advanced Micro Piezo pigment ink jet system with 8 colors on board, optimized for photo printing

Nozzle Configuration
180 nozzles (per cartridge)

Ink Type
Epson UltraChrome K3 pigment ink

Maximum Resolution (dots per inch)
5760 x 1440 optimized dpi

Minimum Ink Droplet Size
3.5 picoliter

Print Speeds**

Photo	8" x 10"	72 seconds
	11" x 14"	1 minutes 47 seconds

Maximum Paper Width

Single sheet	13"
Roll paper	13"

Maximum Printable Area
13" x 44"
Top/Bottom margin 0" Left/Right margin 0"

Paper Sizes
4" x 6," 5" x 7," 8" x 10," letter (8.5" x 11"), 12" x 12," 11" x 14," 13" x 19," B (11" x 17"), A3, A4, Super B (13" x 19"), user definable, plus 4," 8.3" and 13" wide panoramic roll papers

Paper Types
Premium Glossy Photo Paper, Premium Semigloss Photo Paper, Premium Luster Photo Paper, Enhanced Matte Paper, Matte Paper Heavyweight, Watercolor Paper Radiant White, PremierArt Matte Scrapbook Photo Paper, UltraSmooth Fine Art Paper, Premium Bright White Paper, Double-sided Matte Paper, Velvet Fine Art Paper, plain paper

Borderless Sizes
4" x 6," 5" x 7," 8" x 10," 8.5" x 11," 11" x 14," 12" x 12," 13" x 19," and panoramics

Media Handling

Auto sheet feeder	100 sheets of plain paper, 20 sheets of glossy or matte paper
Rear paper path	Roll media (4," 8.3," and 13") or fine art media (single sheet)
Front path	Single thick media (1.0 - 1.3mm)

Fade Resistance/Print Longevity*
Color prints over 75 years
Black-and-white prints up to 200 years

Dimensions and Weight (L x W x H)

Storage	24.2" x 12.6" x 9.1"
Weight	26.5 lb

Interface and Connectivity
Hi-Speed USB 2.0/IEEE 1394 FireWire

Operating Systems
Windows® – Windows 2000 and XP
Macintosh® – Macintosh OS X 10.2.4 or later

Software Included
Epson Raw Print (Windows only), nik Multimedia Color Efex Pro 2.0 (4 sample filters downloadable from nik website)

Printer Language
Epson ESC/P™ Expanded Raster Graphics Code

Color Management
Epson Standard, Epson Vivid Color, Adobe RGB, ICM and ColorSync Color Management using ICC profiles

Sound Level
47 dB(A)

Environmental Conditions

	Operating	Storage
Temperature	50 to 95° F	4 to 14° F
Humidity (relative)	20 to 80%	5 to 85%

Safety Approvals

Safety standards	UL1950, CSA 22.2 No. 950
RFI	FCC part 15 subpart B class B, CSA C108.8 class B

Power Requirements

Rated voltage	120V AC
Rated frequency	50 - 60 Hz
Rated current	0.5 Amp (0.8 Amp max.)
Power consumption	Approx. 18W (Energy Star compliant), approx. 1W in Standby Mode

Warranty
Standard one-year limited warranty in the U.S. and Canada including Epson Exchange program. Extended warranties available beyond one year.

* Fade resistance color rating based on accelerated testing of color and black-and-white prints on Epson Enhanced Matte Paper, Epson Velvet Fine Art Paper and Epson UltraSmooth FIne Art Paper, displayed indoors, under glass. See www.wilhelm-research.com for test conditions. Actual print stability will vary according to image, display conditions, light intensity, humidity, and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

** Tested using color photo speed, in Photo mode on Epson Enhanced Matte Paper. Additional processing time will vary based on system configuration, software application and page complexity.

EPSON®
EXCEED YOUR VISION

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